

*Season's
Greetings*

Volume 8, number 11

December 1987

Newsline

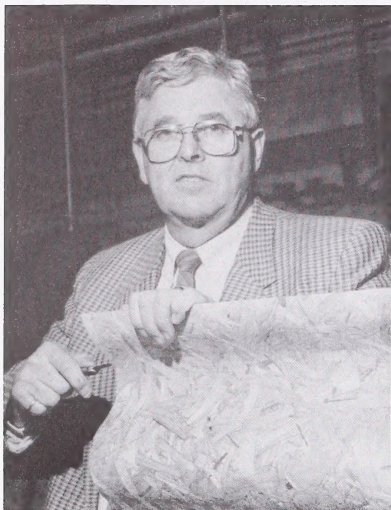


Newsline is a monthly publication for the employees of the Alberta Research Council.

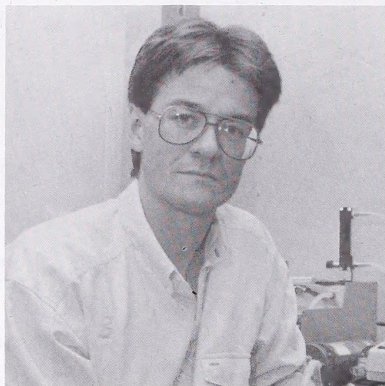
Please send all submissions and direct all questions to
Carmen Locke
Alberta Research Council
PO Box 8330, Postal Station F
Edmonton, Alberta
T6H 5X2

**ALBERTA
RESEARCH
COUNCIL**

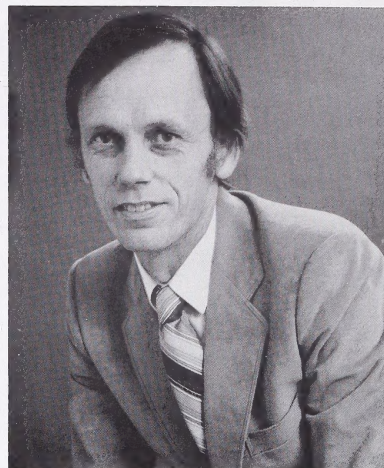
As 1987 draws to a close, it is appropriate to review the year past, and to recognize the accomplishments of some of our staff.



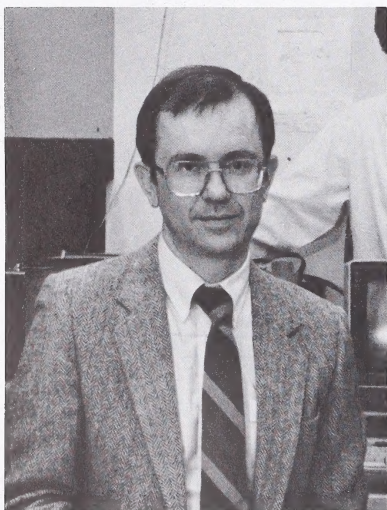
Dr. Lars Bach, Forest Products, has received U.S. patents on two inventions – a transverse vibration apparatus for grading wood panels, and a process for the manufacture of a corrugated wafer board panel. He was also reappointed adjunct professor of wood products engineering in the University of Alberta's Faculty of Agriculture and Forestry.



Dr. Brad Thompson, Biotechnology, was appointed an adjunct professor in the University of Alberta's Microbiology Department.



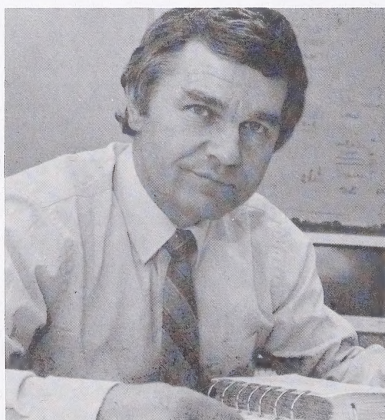
Dr. Tom Christison, Resource Technologies, was appointed to an Expert Task Group of the US Strategic Highway Research Program, and was reappointed the sole Canadian representative on the program's Pavement Performance Advisory Committee.



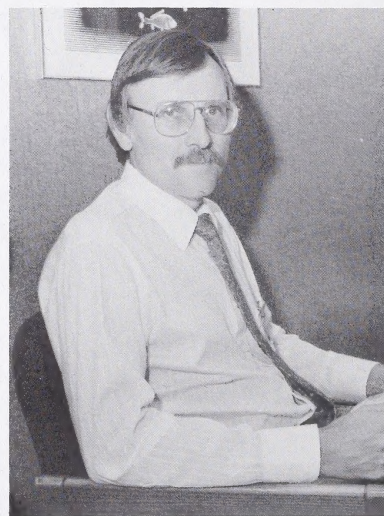
Dr. Peter Tremaine, Oil Sands and Hydrocarbon Recovery, was chosen as the 1987 Sunner Award recipient – an award given yearly by the Calorimetry Conference to recognize accomplishment in calorimetry, and other aspects of thermodynamics. He also was appointed adjunct professor in the University of Alberta's Geology Department.



Dorothy Hollands, Secretariat, received professional accreditation from the Canadian Public Relations Society.



Dr. Leszek Ignasiak, Coal and Hydrocarbon Processing, received a patent for the selective agglomeration of sub-bituminous coal fines process.



Dr. Ken Babcock, Energy and Biotechnology, was named Chairman of the Edmonton Research and Development Park Authority's Board of Directors. The role of the Authority is to promote the development of high technology business in the City of Edmonton. The Board is currently involved in the construction of the Advanced Technology Centre. Expected to be complete in February, 1988, this incubation centre will offer space to small technology firms in Edmonton, as well as a program of business assistance.

It is only through the continued dedication of our scientists, engineers, technologists and support staff that the Alberta Research Council has been able to establish and maintain its position of distinction.



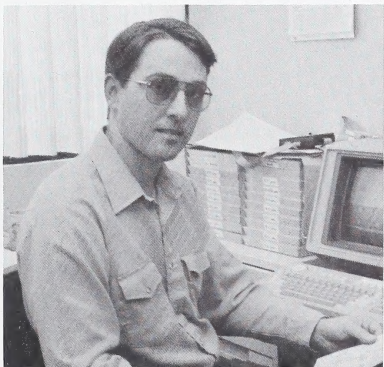
Brian Young, Electronics Test Centre, was invited to serve on the National Research Council's Associate Committee of Physical Measurements for a three-year term.



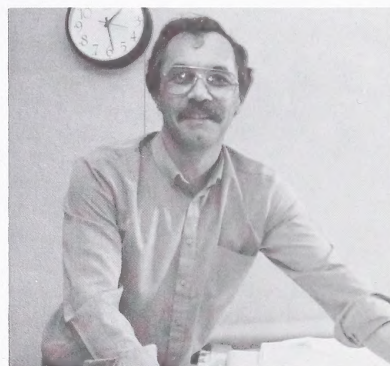
Mark Johnson, Resource Technologies, was elected Chairman of the GIA DECUS (Digital Equipment Computer Users Society) Council for a two-year term. The Council is composed of leaders from each of the national chapters within the General International Area (GIA), and provides a connection between existing, and developing chapters, other DECUS areas of the world, and the manufacturer, Digital.



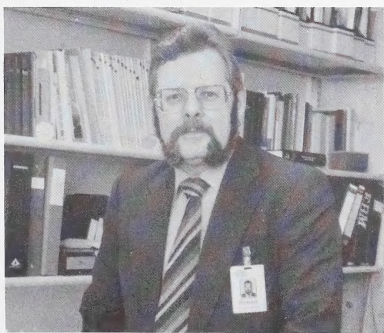
Dr. Ted Heidrick, Oil Sands and Hydrocarbon Recovery, was appointed a member of the Natural Sciences and Engineering Research Council's (NSERC) Grant Selection Committee for Mechanical Engineering for a three-year term.



Grant Sjostrom, Terrain Sciences, received certification as an engineering technologist with the Alberta Society of Engineering Technologists.



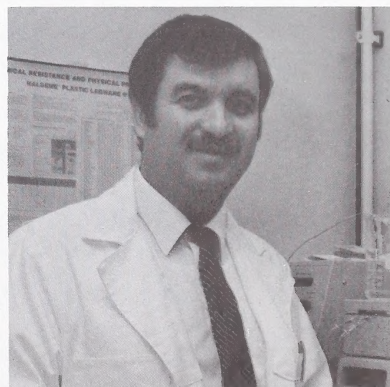
Richard Stein, Terrain Sciences, received an M.Sc. in geology from the University of Alberta.



Dr. Robert Heimann, Industrial Technologies, was nominated to the Editorial Board of "Advanced Ceramics Update"—published by the Canadian University-Industry Council on Advanced Ceramics (CUICAC).



Dr. Rand Harrison, Geological Survey, received two distinguished service awards from the Canadian Society of Petroleum Geologists—one for the presentation of outstanding short courses on Carbonate Reservoir Geology in 1985 and 1986, and the other for serving as a co-leader of the Society's Student Industry Field Trip (SIFT) through the southern Rocky Mountains.



Dr. Salim Abboud, Terrain Sciences, was granted a Ph.D. in soil chemistry from the University of Guelph.

Rene Erb 1926-1987

Rene Erb, former research technologist in the Analytical Chemistry Laboratory, Industrial Technologies Department, died on November 12. He had retired from the Research Council in June, after 13 years of service.

Rene received a diploma in Chemical Technology from the Northern Alberta Institute of Technology in 1974. He joined the Research Council that same year, and performed trace analyses for the then Hail Project. He later transferred to the Chemistry Department.

In 1986, he joined Industrial Technologies, where he set up new methods of trace analyses using the atomic absorption spectrometer. He assisted with water analysis, and developed a method for the analysis of fluoride samples in basic solution.

He is remembered by those he worked with for his unfailing sense of humor, his high level of performance, and the great pride he took in generating accurate results on difficult samples.

Rene is survived by his three daughters, Debbie Anderson, Devon; Joan, Williams Lake, B.C.; Kathy, Abbotsford, B.C.; one son, Paul, Edmonton; four grandchildren, Kris, Jen, Amanda, Dextin; one sister, Simone, and two brothers, Roger and George, all of France.

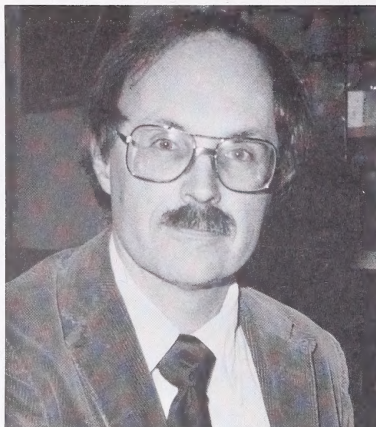
Funeral service was held in Devon November 16.

Employee Changes

We welcome to the Research Council: **Martin Frank**, Electronics Test Centre; **Marjorie Knife**, Oil Sands and Hydrocarbon Recovery; **Dennis Nikols**, Geological Survey; **Kimberly Perry**, Advanced Technologies; **Chris Stang**, Advanced Technologies.

We say goodbye to: **Phil Briggs**, **Al Howard**, **Linda Jones**, **Brad Komishke**, **Brenda Myers**, **Myron Oleskiw**, **Rachel Recto**, **Gary Van der Ploeg**.

Appointments announced

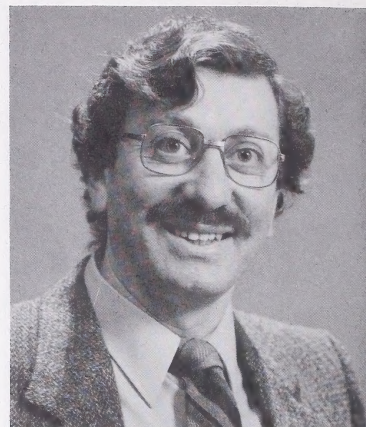


Dr. Bill D. Gunter

Dr. Bill D. Gunter and Dr. E. Eddy Isaacs, both of the Oil Sands and Hydrocarbon Recovery Department, have been appointed Senior Research Officers.

Dr. Gunter is a recognized expert in experimental high temperature, high pressure geochemistry related to the interaction of water and minerals in oil sand reservoirs during steam and fire flooding. In the area of computer modelling, he is known for his work on the development of the geochemical computer code, SOLMINEQ.87—used to study such phenomena as the clay reactions in reservoirs, and to predict the probability of mineral scaling in production wells.

He received his Ph.D. in geochemistry from Johns Hopkins University in Baltimore in 1974, and joined the Research Council in 1982, where he assumed the position of Group Leader, Hydrothermal Chemistry.



Dr. E. Eddy Isaacs

Dr. Isaacs received his Ph.D. in inorganic chemistry from the University of Alberta in 1974. Prior to joining the Research Council in 1978, he was a Research Associate at the Department of Chemical Engineering, University of Alberta, and a visiting Research Fellow at the Department of Chemistry, Technion-Israel Institute of Technology.

As Group Leader of Physical Chemistry, Dr. Isaacs has applied his research expertise to a number of areas, including: interfacial phenomena in enhanced oil recovery from conventional and heavy oil reservoirs; film formation at the bitumen/water interface; bubble coalescence phenomena, film drainage and foam stability; fundamentals of multiphase and dispersed phase flow in porous media; enhancement of fluid communications in heavy oil reservoirs; and the field application of surfactants and foams in steambased processes, to name a few.

Get in the holiday spirit...

Attend the Edmonton Christmas social December 17. Open to all staff and their spouses, the event will be held in the west atrium of the southeast Edmonton site from 4 p.m. to 7 p.m.

Skits, entertainment and carolling will be supplied by talented Research Council staff, and exciting and innovative door prizes have been donated by management and staff. Food and

refreshment will be served.

Tickets are just \$3.50 per person, and can be purchased from designated individuals at each site.

All you need to bring along is your good cheer, and join in the fun!

Staff were treated to an evening of dining, dancing and entertainment when the Calgary office hosted a Christmas party December 4.